"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, V.V.; SAKOVICH, A.A.; BARAKAYEV, Kh.F.; TRAVIN, L.V.

Improvements of the operating conditions of rectifiers in three-phase bridge circuits. Izv. vys. ucheb. zav.; elektromekh. 5 no.2:229-232 '62. (MIRA 15:3)
(Electric current rectifiers) (Bridge circuits)

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S/0121/64/000/008/0004/0007

ACCESSION NR: AP4043974

AUTHORS: Pomerantsev, L. M.; Voskresenskiy, V. V.

TITLE: A pneumatic positioning system for programmed control of the index board of an automatic line

SOURCE: Stanki i instrument, no. 8, 1964, 4-7

TOPIC TAGS: pneumatic control, programmed control, pneumatic system

ABSTRACT: The mechanical system for a 12-position processing of a part is schematically presented and its operation is explained. Control of the process is accomplished by an electrically energized pneumo-system, the block diagram of which is presented. The complete operating cycle is explained; the fundamental component of this system is provided by a pneumo-relay (see Fig. 1 on the Enclosure) which, under the control pressure of 2.25 kg/cm^2, reliably controls working pressures up to 9 kg/cm^2. The relay operated reliably in the crossed-hatch area of the characteristic diagram as shown in Fig. 1. The time and frequency of a relay response depends principally on the volume of the tubing connecting the relays and on the pressure. The use of this relay for logic functions is presented in tabular form. Four possible combinations of single variable inputs and the 16 possible combinations of 2 input variables are discussed. The tables include both conventional

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ACCESSION NR: AP4043974

notations and normal disjunctive and normal conjunctive algebraic notations. Examples of sequential operations are presented for such functions as storage, one-cycle delay, and pneumo-triggering. A four-stage system using pneumatic binary counters to reduce the number of components in a system is explained. The small size of the pneumo-relays (25 x 25 x 40 mm) and their high reliability give them advantages over similar electrical relay systems. Pneumo-systems tested for more than a million cycles verified their reliability, simplicity, and adaptability. Special attention was given to eliminating false signals arising with transient contact of the relays. Orig. art. has: 3 tables and 5 figures.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 01

SUB CODE: IE , DP NO REF SOV: 003 OTHER: 001

Card 2/3

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

L 26085-66 EWA(h)/EWT(1)

ACC NR: AM5025915 Monograph UR/

Doronkin, YEvgeniy Filippovich; Voskresenskiy, Vladimir Vladimirovich

Transistorized pulse generators (Tranzistornyye generatory impul'sov) Moscow, Izd-vo "Svyaz", 1965. 237 p. illus., biblio., tables. 15,000 copies printed.

TOPIC TAGS: transistor, transistorized generator, transistorized oscillator, multivibrator, pulse oscillator, trigger, blocking oscillator

PURPOSE AND COVERAGE: This book is intended for technicians with a secondary-school education who are engaged in the development and operation of transistorized radio and electronic equipment. It may also be useful to students in advanced trade schools. A systematic account is given of the analysis and calculation of transistorized pulse devices on the basis of well known physical concepts without using higher mathematics. The book is intended for a wide circle of readers having an interest in the practical utilization of transistorized electronics equipment.

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Card 1/2 UDC: 621.373/374(022)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

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ACC NR: AM5025915

Ch. III. Flip-flops -- 100

Ch. IV. Blocking oscillators -- 126

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SUB CODE: 09/ SUBM DATE: 15May65/ ORIG REF: 039/ OTH REF: 002

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

DORONKIN, Yevgeniy Filippovich; VOSKRESENSKIY, Vladimir Vladimirovich; MAKOVEYEV, V.G., otv. red.; TSEYTLIN, F.G., red.

[Transistorized pulse generators] Tranzistornye generatory impul'sov. Moskva, Sviaz', 1965. 237 p. (MIRA 18:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

POMERANTSEV, I.M.; VOSKRESENSKIY, V.V.

Pneumatic position system of program control for a dividing table of an automatic line. Stan.i instr. 35 no.8:4-7 Ag '64. (MIRA 17:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

MOROZOV, N.A., kand. tekhn. nauk; VOSKRESENSKIY, V.Ye., inzh.;
SHUSTAREV, Yu.N., inzh.

Formation of packets by means of flexible strings. Mekh. i avtom. proizv. 19 no.4:27-29 Ap '65. (MIRA 18:6)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, V.Ye.

Two-dimensional algebraic tori. Izv. AN SSSR. Ser.mat. 29 no.1:239-244 '65. (MIRA 18:4)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, V.Ye.

Behavior of semisimple algebraic groups when the base field is extended. Dokl. AN SSSR 158 no.4:767-769 O '64. (MIRA 17:11)

1. Saratovskiy gosudarstvennyy universitet im. N.G. Chernyshevskogo. Predstavleno akademikom I.M. Vinogradovym.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

MOROZOV, N.A., kand. tekhn. nauk; VOSKRESENSKIY, V.Ye., inzh.

Over-all mechanization of lay-out lines in woodworking.
Mekh. i avtom proizv. 18 no.4:24-27 Ap'64. (MIRA 17:5)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

MOROZOV, N.A., kand. tekhn. nauk; VOSKRESENSKIY, V.Ye.; BRENER, M.I., red.

[Small-scale mechanization of the sawing shops of furniture enterprises] Malaia mekhanizatsiia v raskroinykh tsekhakh mebel'nykh predpriiatii. Moskva, TSentr. in-t tekhn. informatsii i ekon. issl. po lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshl., 1962. 21 p. (MIRA 17:5)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, V.Ye.

Factor spaces of a group of ideals of an algebraic group and cohomology of bundles. Dokl. AN SSSR 150 no.3:459-462 My '63. (MIRA 16:4)

1. Saratovskiy gosudarstvennyy universitet im. N.G. Chernyshevskogo. Predstavleno akademikom I.M. Vinogradovym.
(Algebraic topology)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, V.Yu.

Erroneous method of excluding the true temperature in studying the degree of blackness of materials. Teplofiz. vys. temp. 1 no.2:177-181 S-O '63. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, V. Yu., PELETSKIY, V. E., and TIMROT, D. L.

"The application of electron beam heating in the investigation of integral blackness of heat-resistant alloys and compounds"

Seminar on production methods, physical properties, and electron structure of refractory metals, compounds, and alloys, organized by the Institute of Powder Metallurgy and Special Alloys AS Ukr SSR, Kiev, 25-29 April 1963.
(Teplofizika vysokikh temperatur, No. 1, 1963, p. 156)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, V.Yu.

Real values of the coefficients of heat transfer from the surface of thermal insulation in electric power plants. Nauch. dokl.vys.shkoly; energ. no.1:115-124 '59. (MIRA 12:5)

1. Gosudarstvennyy trest po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey.
(Electric power plants) (Heat--Transmission)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

L 24714-66 EWT(m)/EWA(d)/EWP(t) IJP(c) JD/JG/JT

ACC NR: AP6014082 SOURCE CODE: UR/0294/66/004/002/0296/0296

AUTHOR: Peletskiy, V. E.; Voskresenskiy, V. Yu.

ORG: Scientific Research Institute of High Temperatures (Nauchno-issledovatel'skiy institut vysokikh temperatur)

TITLE: Thermophysical properties of heat-resistant VR-27-VP tungsten-rhenium alloy

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 2, 1966, 296

TOPIC TAGS: refractory alloy, tungsten alloy, rhenium containing alloy, alloy physical properties, refractory alloy resistivity, refractory alloy emissivity, alloy thermal conductivity/VR-27-VP

ABSTRACT: The Scientific Research Institute of High Temperatures has determined the thermophysical properties of tungsten-rhenium VR-27-VP alloy (27% Re) developed by the Institute of Metallurgy imeni Baykov. The vacuum-arc melted alloy (melting temperature 3300K; recrystallization range 1800—2200K) had a tensile strength of 30—35 kg/mm^2 at 1800K and approximately 15 kg/mm^2 at 2100K. Forged and polished specimens vacuum annealed for 2 hr at 2200K and investigated in vacuum (1—5)·10^{-5} mm Hg at 1200—3000K had a thermal conductivity of 54.4—67.7 Wm^{-1}·deg^{-1}, a resistivity of 60.4—107.2 10^6 ohm·cm, an integral hemispherical emissivity of 0.211—0.347, and a monochromatic emission (at wavelength 0.65 μ) of 0.434—0.402. [WW]

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L 32839-66 EWT(1)/EWT(m)/EWP(t)/ETI . IJP(c) JD/WW

ACC NR: AP6008827 SOURCE CODE: UR/0294/66/004/001/0046/0049

AUTHOR: Voskresenskiy, V. Yu.; Peletskiy, V. E.; Timrot, D. L.

ORG: Scientific Research Institute of High Temperatures (Nauchno-issledovatel'skiy institut vysokikh temperatur)

TITLE: Thermal conductivity and degree of blackness of niobium at temperatures above 1000C

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 1, 1966, 46-49

TOPIC TAGS: [redacted], niobium, optic black body, thermal conductivity

ABSTRACT: An experimental study of the temperature dependence of the thermal conductivity coefficient and integral degree of blackness of niobium was carried out. The specimens were first fired for 4 hr at 2000—2200K. The temperatures were measured in the 1400—2500K range with an OMP-043M optical pyrometer. The integral degree of blackness was calculated from the formula

$$\epsilon = q_{rad}/\delta T_{av}^4,$$

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where $q_{rad} = VI/F$; V, I are respectively the potential difference between the anode and cathode and the anode current; F is the total surface area of specimen; T_{av} is the average temperature to which the specific radiation q_{rad} and degree of blackness ϵ pertain. The thermal conductivity coefficient was calculated from the formula

$$\lambda = \left[4 \int_{x}^{L_{eff}} q_{rad}(x)\, dx\right] \Big/ \left[D \left|dT/dx\right|_x\right]$$

where $\int_{x}^{L_{eff}} q_{rad}(x)\, dx$ corresponds to the flux scattered by the radiation on the x-L_{eff} portion of the specimen, and hence, to the heat transfer brought to this portion via section x; $(dT/dx)_x$ is the gradient in section x; L_{eff} is the effective length of the specimen, allowing for the contribution of losses from end surfaces, $L_{eff} = L + \frac{D}{2}$, and D is the

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ACC NR: AP6008827

diameter of the specimen. The data obtained are extensively compared with those of other authors. The discrepancies found show the need for further studies of the thermal conductivity of niobium and its alloys. Members of the laboratory staff I. M. Mindova, G. D. Kiselev, and L. A. Olimpiyeva participated in this work. Orig. art. has: 1 figure, 2 tables, and 2 formulas.

SUB CODE: 11 / SUBM DATE: 10Mar65 / ORIG REF: 007 / OTH REF: 004

LS

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

L 45667-66 EWT(d)/EWT(l)/EWP(w)/T/EWP(t)/ETI/EWT(m) IJP(c) JD/WW/JW
ACC NR: AP6021210 (N) SOURCE CODE: UR/0294/66/004/003/0336/0342

AUTHOR: Peletskiy, V. E.; Voskresenskiy, V. Yu.

ORG: Scientific Research Institute of High Temperatures (Nauchno-issledovatel'skiy institut vysokikh temperatur)

TITLE: Thermophysical properties of tantalum at temperatures above 1000°C

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 3, 1966, 336-342

TOPIC TAGS: tantalum, high temperature research, black body radiation, heat conductivity

ABSTRACT: Clean tantalum samples (99.61% purity) were used for determination of electrical and thermal conductivities and degree of grayness in the 1300-2900°K temperature range by a method described by V. S. Gumenyuk, V. V. Lebedev and V. Ye. Ivanov in *PTE*, No. 1, 1962. The heating and diagnostic method is described, showing that resulting errors were ±10% and ±12% for the degree of grayness and thermal conductivity, respectively. Much better electrical conductivity measurements were made. Tables summarizing the results, and comparing the resulting Lorentz numbers with those of other authors are presented. It is noted that thermal conductivity increases with temperature, although at a slow rate and compares with the results of the work done on less pure samples. The thermal conductivity together with electrical conductivity measurements allowed comparison with the Franz-Wiedman law in the regime where auth-

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ACC NR: AP6021210

ors of the above work found considerable discrepancy. This discrepancy has been ascribed to the systematic errors, which have been eliminated in this work. The spectrally integrated measurement of the black body emissivity indicates good agreement of the results with computed values within experimental errors. The errors in the range of 1200°K to 2000°K must be further reduced. The author thanks D. L. Timrot for constant interest in the work. I. S. Mindova and G. D. Kiselev took part in the experiments and in processing the results. Orig. art. has: 4 figures, 2 tables, 5 formulas.

SUB CODE: 20/ SUBM DATE: 23Jul65/ ORIG REF: 004/ OTH REF: 004

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

ACC NR: AP7003170 (A) SOURCE CODE: UR/0294/66/004/006/0874/0875

AUTHOR: Timrot, D.L.; Peletskiy, V.E.; Voskresenskiy, V.Yu.

ORG: Scientific Research Institute of High Temperatures (Nanchno-issledovatel'skiy institut vysokikh temperatur)

TITLE: Thermal conductivity and emissivity of iodide hafnium

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 6, 1966, 874-875

TOPIC TAGS: iodide, hafnium, ~~hafnium thermophysical property, hafnium, thermal conduction~~, black body radiation, ~~hafnium thermal conductivity~~ temperature dependence, emissivity

ABSTRACT: The total hemispherical emissivity of a high-purity cylinder, 12 mm in diameter and 65 mm long, was found to increase linearly with increasing temperature (solid line in Fig. 1). The coefficient of thermal conductivity of hafnium was found to increase linearly from 23.2 $w \cdot m^{-1} \cdot degree^{-1}$ at 1300K to 28.8 $w \cdot m^{-1} \cdot degree^{-1}$ at 2000K. Orig. art. has: 2 figures. [TD]

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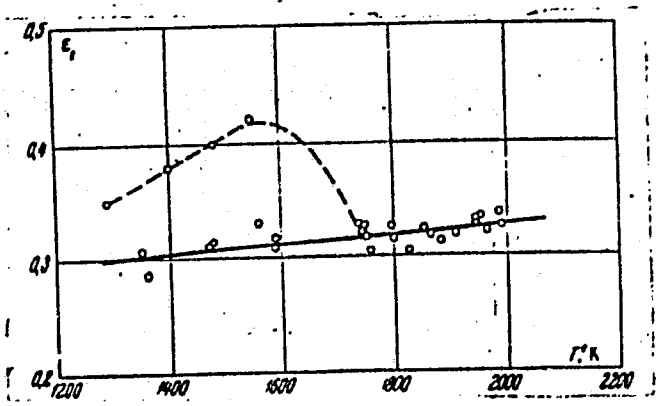

Fig. 1. Temperature dependence of total hemispherical emissivity (E) of iodide hafnium

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OTH REF: 002/ ATD PRESS: 5114

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

BATURIN, V.V., glav. red.; BRYUKHANOV, V.N., red.; TSIKKEL', L.M., red.VOSKRESENSKIY, Ye.N., red.; IL'INA, N.S., red.; LEONOV, B.N., red.; LUNGERSGAUZEN, G.F., red.; MINSKAYA, V.M., red.; MORALEV, V.I., red.; RAKOVETS, O.A., red.

[Methods for the interpretation of the materials of aerial photography in geological studies; materials] Metody deshifrirovaniia aerofotomaterialov pri geologicheskikh issledovaniiakh; materialy. Glav. red. V.V.Baturin, V.N. Briukhanov, L.M.TSikkel'. Moskva, Izd-vo "Nedra," 1964. 150 p. (MIRA 17:7)

1. Vsesoyuznyy seminar po geologicheskomu deshifrirovaniyu pri geologicheskikh issledovaniyakh, Moscow, 1961.

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VOSKRESENSKIY, YE. P.

O deformatsii neanaliticheskoy poverkhnosti pri psevdokonformnom otobrazhenii. Voronezh, Nauchn. Soobsnch. un-ta, 1 (1941), 13-18.

So: Mathematics in theUSSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I.,
Rashevishiy, P.K.
Moscow-Leningrad, 1948

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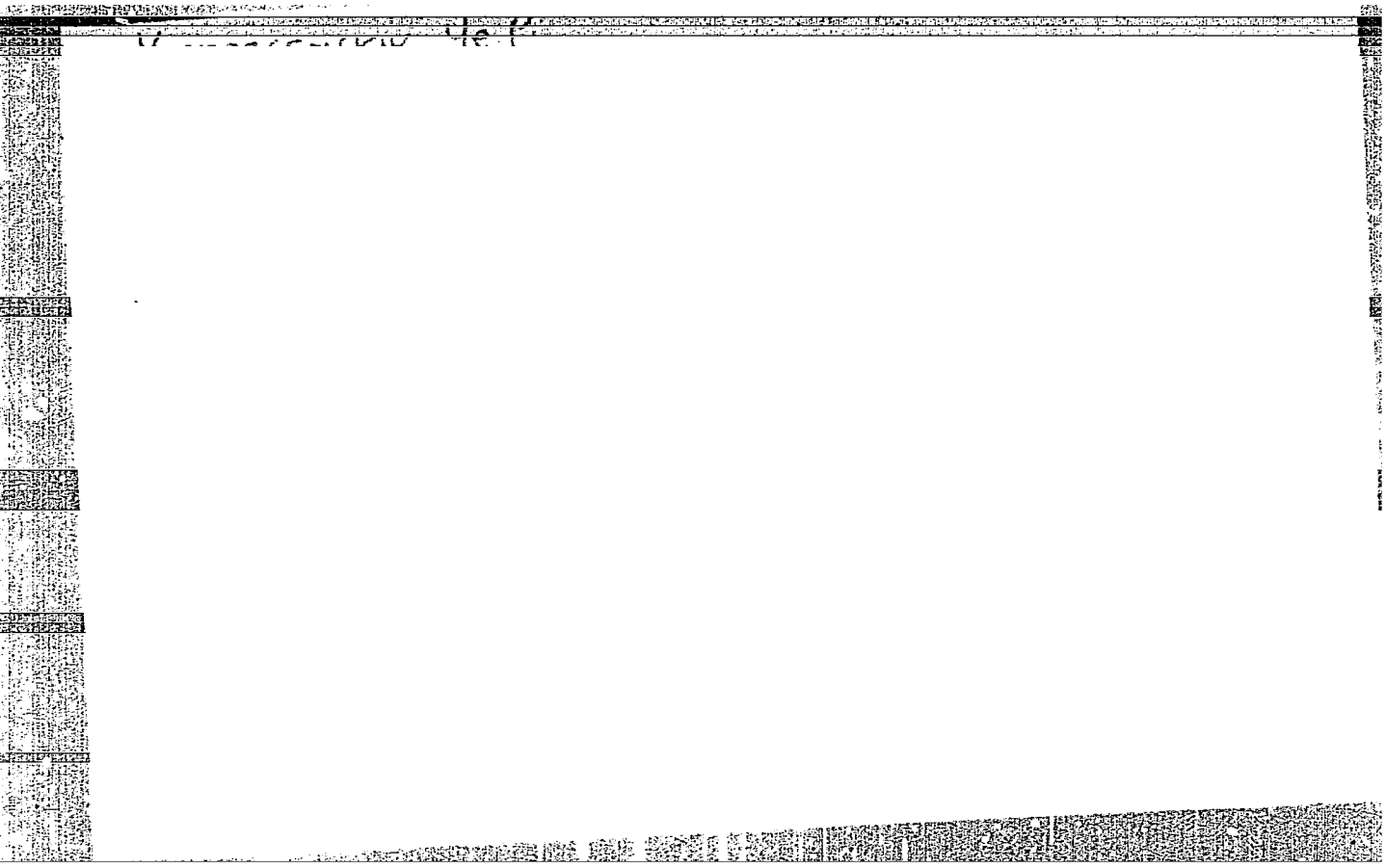

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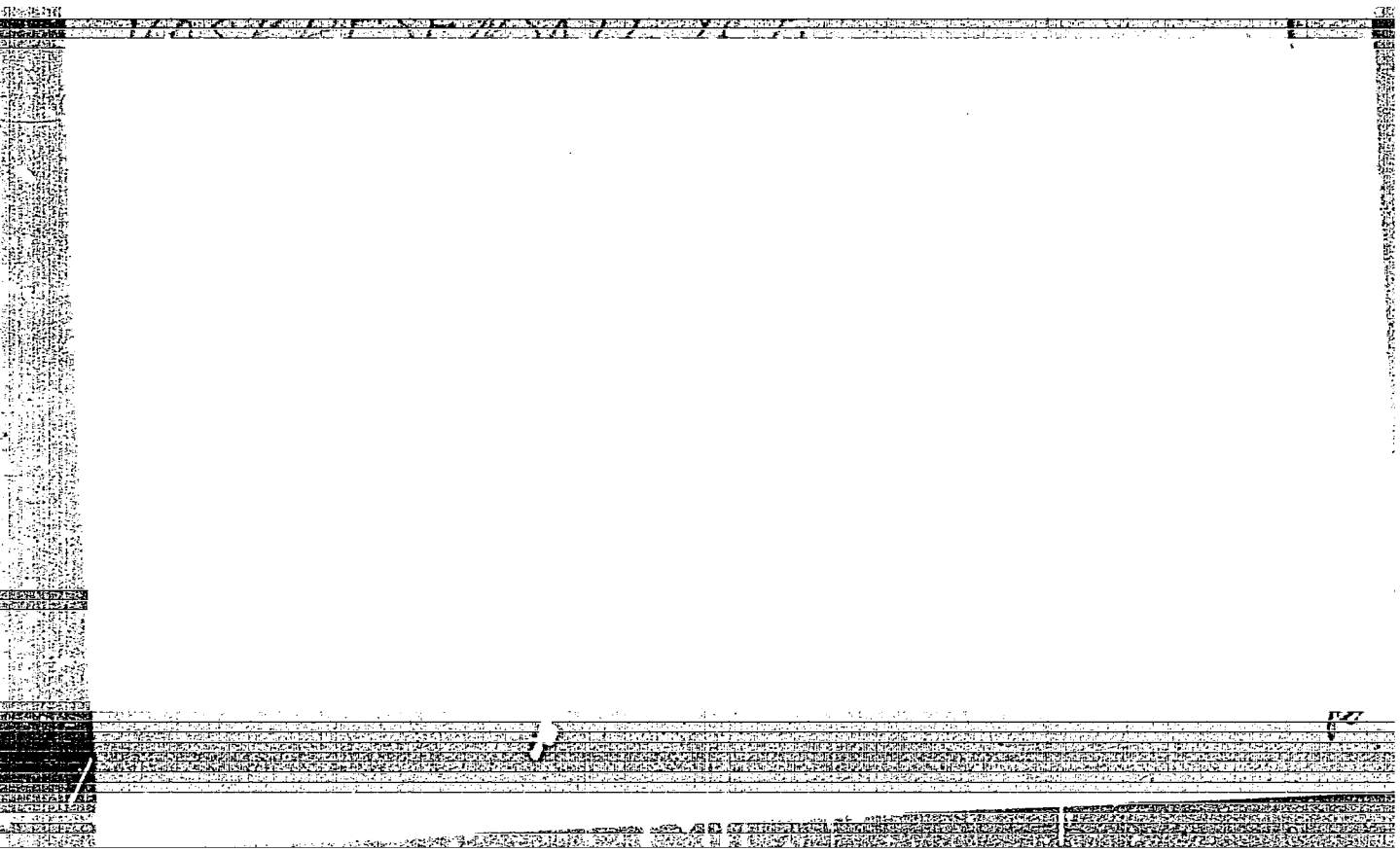

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USSR/Mathematics - Nonlinear Integral 11 Aug 51
Equations

"Concerning a Class of Nonlinear Integral Equations," Ye, P. Voskresenskiy, V. I. Sobolev

"Dok Ak Nauk SSSR" Vol LXXIX, No 5, pp 717, 718

Demonstrates that the results of M. M. Vaynberg ("Dok Ak Nauk SSSR" Vol LXXV, No 5, 1950) can be extended to the case of nuclei (kernels) of the form $K(t,s) = a(t)b(s)Q(t,s)$ where $Q(t,s)$ is a sym kernel. It had been shown that not less than a countable number of definitely normed solns of $x(t) = \int K(t,s)g(s,x(s))ds$ exist for the case

210T53

USSR/Mathematics - Nonlinear Integral 11 Aug 51
Equations (Contd)

of sym K and for certain supplementary limitations placed on this kernel and g; Vaynberg had generalized this result by eliminating part of the restrictions but preserving the assumption of symmetry. Submitted by Acad M. A. Lavrent'yev 26 May 51.

210T53

VOSKRESENSKIY, Ye. P.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Ye. V.

VOSKRESENSKIY, Ye. V. -- "Intraosteal Bone Synthesis with a Metal Rod in Open, Freshly-Infixed breaks of the Hollow Bones." Gor'kiy State Medical Institute imeni S. M. Kirov. Gor'kiy, 1955. (Dissertation for the Degree of Candidate in Medical Sciences.)

So; Knizhaya Letopis' No 3,1956

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

URBAKH, I., inzh.; VOSKRESENSKIY, Yu., arkhitektor

Using reinforced concrete in rural housing construction. Zhil. stroi. no.10:14-16 '58. (MIRA 12:6)
(Precast concrete construction) (Farm buildings)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yu.N.

Certain types of difracted waves detected by the controlled directional sensitivity method. Izv. AN SSSR. Ser. geofiz. no. 2:197-204 F '61. (MIRA 14:2)

1. Institut neftekhimicheskoy i gazovoy promyshlennosti im. I.M.Gukrina.

(Seismic waves)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, YU. N.

Dissertation defended for the degree of Candidate of Technical Sciences at the Institute of Earth Physic imeno O. Yu. Shmidt in 1962:

"Development of Methods of Controlled Directed Proceduro (RNP [Reguliruyemyy napravlennyy priyem]) In Studying Geological Sections With Rough Seismic Faces."

Vest. Akad. Nauk SSSR. No.4, Moscow, 1963, pages 119-145

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RYABINKIN, Lev Aleksandrovich; NAPALKOV, Yuriy Viktorovich; ZNAMENSKIY, Vladimir Vyacheslavovich; VOSKRESENSKIY, Yuriy Nikolayevich; RAPOPORT, Miron Borisovich; ZHUGACH, K.F., prof., otv.red.; PERSHINA, YE.G., vedushchiy red.; MURAV'YEV, I.M., prof., red.; TAGIYEV, E.I., prof., red.; BAKIROV, E.A., kand.geol.-mineral.nauk, red.; CHARYGIN, M.M., prof., red.; DUNAYEV, F.F., prof., red.; CHARNYY, I.A., prof., red.; CHERNOZHUKOV, N.I., prof., red.; KUZMAK, YE.M., prof., red.; DAKHNOV, V.N., prof., red.; PANCHENKOV, G.M., prof., red.; NAMETKIN, N.S., prof, red.; ALMAZOV, N.A., dotsent, red.; TIKHOMIROV, A.A., kand.ekon. nauk, red.; BIRYUKOV, V.I., kand.tkehn.nauk, red.; YEGOROV, V.I., kand. ekon.nauk, red.; GUREVICH, V.M., red.; YAKOVLEVA, Z.I., tekhn.red.

[Theory and practice of the controlled directional sensitivity method] Teoriia i praktika seismicheskogo metoda RNP. Moskva, Gos. nauchno-tekhn. izd-vo. neft. i gorno-toplivnoi lit-ry. 1962. 293 p. (Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy, no.39). (MIRA 15:12)

(Seismic prospecting)

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VOSKRESENSKIY, Y.N.

PHASE I BOOK EXPLOITATION SOV/6278

Ryabinkin, Lev Aleksandrovich, Yuriy Viktorovich Napalkov, Vladimir Vyacheslavovich Znamenskiy, Yuriy Nikolayevich Voskresenskiy, and Miron Borisovich Rapoport.

Teoriya i praktika seysmicheskogo metoda RNP (Theory and Practice of of the Seismic Method of Controlled Directional Reception). Moscow, Gostoptekhizdat, 1962. 293 p. (Series: Moscow. Institut neftekhimicheskoy i gazovoy promyshlennosti. Trudy, vyp. 39). 3000 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya RSFSR, and Moskovskiy ordena trudovogo krasnogo znameni Institut neftekhimicheskoy i gazovoy promyshlennosti im. I. M. Gubkina.

Editorial Board: Resp. Ed.: K. F. Zhigach, Professor, I. M. Muravyev, Professor, E. I. Tagiyev, Professor, E. A. Bakirov, Candiate of Geological and Mineral Sciences, M. M. Charygin, Professor, F. F. Dunayev, Professor, I. A. Charnyy, Professor, N. I. Chernozhukov,

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Professor, Ye. M. Kuzmak, Profeasor, V. N. Dakhnov, Professor, G. M. Panchenkov, Professor, N. S. Nametkin, Professor, N. A. Almazov, Docent, A. A. Tikhomirov, Candidate of Economic Sciences, V. I. Biryukov, Candidate of Technical Sciences, V. I. Yegorov, Candidate of Economic Sciences, and V. M. Gurevich; Executive Ed.: Ye. G. Pershina; Tech. Ed.: Z. I. Yakovleva.

PURPOSE: This publication is intended for engineers and geologists concerned with seismic prospecting for oil and gas. It may also serve as a manual for seismic exploration with the method of controlled directional reception.

COVERAGE: The book outlines the method of controlled directional reception of seismic waves (RNP) used in geophysical prospecting. Problems connected with this method are analyzed with special emphasis on the problem of resolving power. There are 126 references: 114 Soviet, 11 English, 1 German.

Card 2/12

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VOSKRESENSKIY, YU. N.

PHASE I BOOK EXPLOITATION SOV/6278

Ryabinkin, Lev Aleksandrovich, Yuriy Viktorovich Napalkov, Vladimir Vyacheslavovich Znamenskiy, Yuriy Nikolayevich Voskresenskiy, and Miron Borisovich Rapoport.

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Professor, Ye. M. Kuzmak, Professor, V. N. Dakhnov, Professor, G. M. Panchenkov, Professor, N. S. Nametkin, Professor, N. A. Almazov, Docent, A. A. Tikhomirov, Candidate of Economic Sciences, V. I. Biryukov, Candidate of Technical Sciences, V. I. Yegorov, Candidate of Economic Sciences, and V. M. Gurevich; Executive Ed.: Ye. G. Pershina; Tech. Ed.: Z. I. Yakovleva.

PURPOSE: This publication is intended for engineers and geologists concerned with seismic prospecting for oil and gas. It may also serve as a manual for seismic exploration with the method of controlled directional reception.

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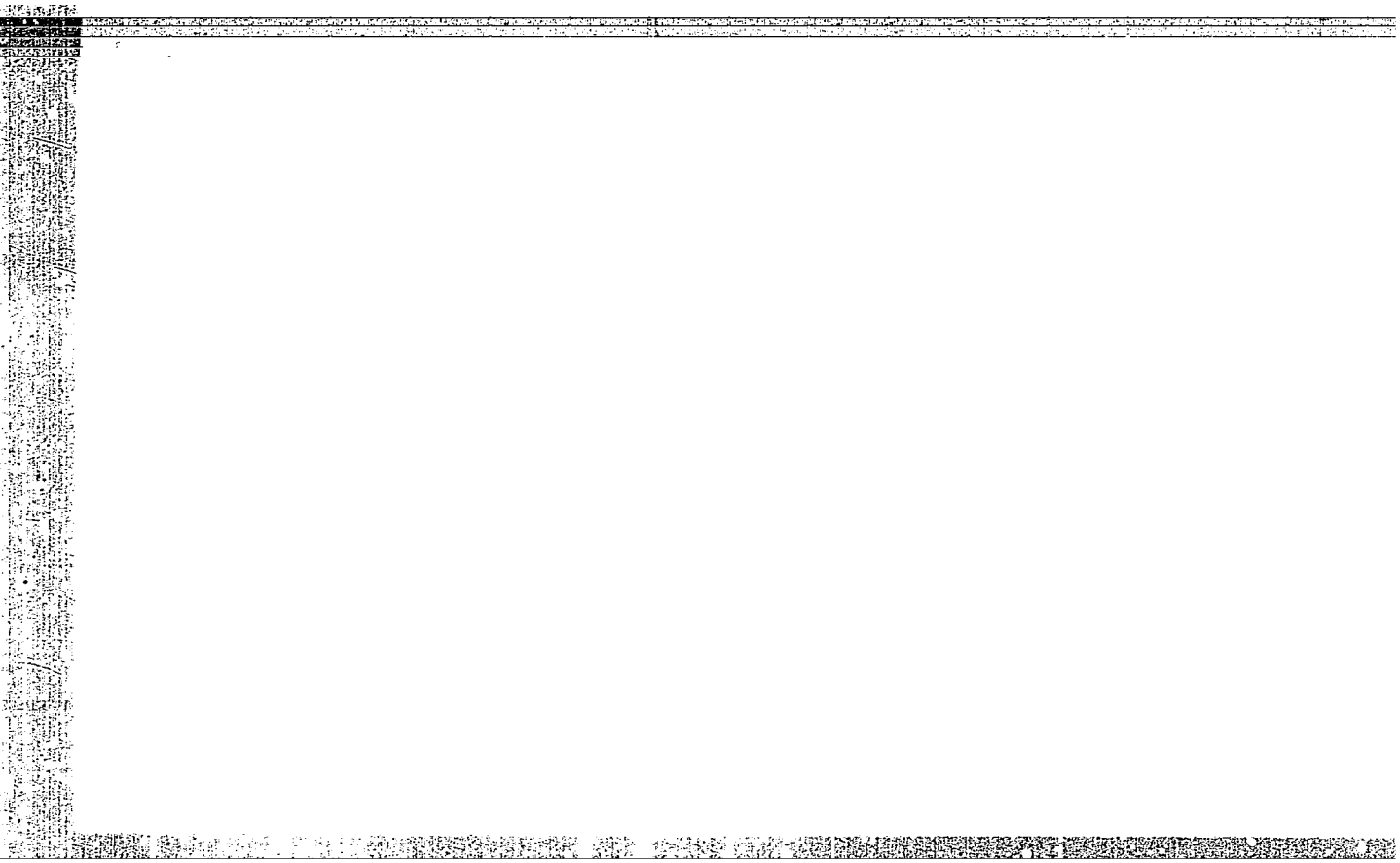

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

ACC NR: AT6032730 SOURCE CODE: UR/0000/66/000/000/0058/0062

AUTHOR: Ryabinkin, L. A.; Voskresenskiy, Yu. N.; Rapoport, M. B.

ORG: none

TITLE: Modeling of reflection and refraction from rough boundaries performed in order to develop the method of RNP

SOURCE: AN SSSR. Institut fiziki Zemli. Geoakustika; ispol'zovaniye zvuka i ultrazvuka v seysmologii, seysmorazvedke i gornom dele (Geoacoustics; the use of sound and ultrasound in seismology, seismic prospecting, and mining). Moscow, Izd-vo Nauka, 1966, 58-62

TOPIC TAGS: seismic modeling, seismic prospecting, seismic wave, acoustic reflection, acoustic refraction

ABSTRACT: A short description is given of seismic modeling experiments and data-processing methods. Most of the research was conducted using two-dimensional models with various differently shaped boundaries (sincsoidal, semicircular, triangular, etc), i.e. with geometrically rough boundaries. Waves analogous to diffraction spectra of the highest order were registered, together with waves reflected from the middle plane of the boundaries (mirror type reflection). The properties of these waves and their usefulness in seismic prospecting are described. Investigations of reflection from physically rough boundaries with periodically variable coefficients of reflection have been initiated . The modeling of waves refracted from rough boundaries of liquid-

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solid models is briefly reviewed. Orig. art. has: 2 figures.

SUB CODE: 08/ SUBM DATE: 28Mar66/ ORIG REF: 004

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

ACC NR: AT6032731 SOURCE CODE: UR/0000/66/000/000/0064/0068

AUTHOR: Voskresenskiy, Yu. N.; Rapoport, M. B.

ORG: none

TITLE: Role of frequency filtration in seismic modeling

SOURCE: AN SSSR. Institut fiziki Zemli. Geoakustika; ispol'zovaniye zvuka i ul'tra-zvuka v seysmologii, seysmorazvedke i gornom dele (Geoacoustics; the use of sound and ultrasound in seismology, seismic prospecting, and mining). Moscow, Izd-vo Nauka, 1966, 64-68

TOPIC TAGS: seismic modeling, ~~model seismology~~, frequency filtration, seismoscope, piezoelectric crystal, electric filter, high frequency

ABSTRACT: During ultrasonic seismic modeling, the presence in the piezocrystals of several modes of oscillations including parasitic oscillations have been observed to affect the pulse shape. The several methods of forming and damping the natural oscillations of piezocrystals now in use involve the introduction of frequency filters into one or another section of the electroacoustic track of the model. Therefore, they may all be replaced by the action of universal electric filters connected in front of the source or behind the receiver. In this way the similarity between the wave picture in the model and that in nature is preserved. It is recommended that, in modeling with weakly absorbing materials, the use of higher frequencies with sharp frequency cutoff be considered. Universal electric filters, being a simple means of controlling pulse shape, will broaden modeling

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

ACC NR: AT6032731

potentialities and should be considered in designing seismometers. Orig. art. has: 1 figure and 2 formulas. [WA-794]

SUB CODE: 08/ SUBM DATE: 28Mar66/ ORIG REF: 004/ OTH REF: 002/

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3 9300 2406. S/169/61/000/012/013/089
D228/D305

AUTHOR: Voskresenskiy, Yu. N.

TITLE: Determining the frequency and phase characteristics of the apparatus of controllable directed reception

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1961, 26, abstract 12A262 (Tr. Mosk. in-ta neftekhim. i gaz. prom-sti, 1961, no. 31, 145-147)

TEXT: A short impulse τ = 0.002 sec. is given to the discharge of the summator from the photoflash, and the amplitude and phase characteristics of the entire integrating channel are determined by graphico-analytical means from the transient process recorded on different filtrations. The calculational characteristics are cited. [Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

RYABINKIN, L.A.; VOSKRESENSKIY, Yu.N.

Role of the roughness of seismic boundaries in the formation of head waves on them. Izv. AN SSSR. Fiz. zem. no.1:31-41 '65. (MIRA 18:5)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni Gubkina.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yu.N.

Study of seismic reflections from rough boundaries on three-dimensional models. Izv. AN SSSR. Ser.geofiz. no.5:620-629 My '62. (MIRA 15:8)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshelnnosti im. I.M.Gubkina.

(Seismology)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

- VOSKRESENSKIY, Yu.N.

Determining frequency and phase characteristics of apparatus used in the controlled directional sensitivity method. Trudy MIKHiGP no.31:145-147 '60. (MIRA 13:11)
(Seismic prospecting)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yu.N.

Examples of frequency analysis of data obtained by the controlled directional sensitivity method in the cis-Ural downwarping of Bashkiria. Trudy MINKHiGP no.31:148-152 '60. (MIRA 13:11)
(Bashkiria--Seismic prospecting)

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D242/D301

3,9300

AUTHOR: Voskresenskiy, Yu. N.

TITLE: Certain types of diffracted waves detected by the method of controllable oriented reception

PERIODICAL: Akademiya nauk SSSR. Seriya geofizicheskaya. Izvestiya, no. 2, 1961, 197-204

TEXT: Seismic waves obtained by the method of controllable reception in a part of Bashkiriya, where a shallow reflecting-refracting surface of discontinuity cut by a dislocation has been observed, are analyzed by the author. The studied waves are of the very rare $P_{12}P_{21}$ type termed "reflected refractions" by W. B. Robinson (Ref. 10: Refraction waves reflected from a fault zone. Geophys., 10, No 4, 1945), W. Brauch (Ref. 11: On reflected refraction waves. Geophys. Prosp., 6, No 4, 1958) and R. Bortfeld and H. Hürtgen (Ref. 13: On the indification and construction of reflected refractions. Geophys. Prosp., 8, No 1, 1960). The multiple wave-impediments with negative apparent velocities noted

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Certain types of diffracted waves...

elsewhere by G. N. Putimtsev (Ref. 1: Resul'taty primeneniya seysmicheskogo metoda RNP v Timano Pechorsky neftenosnoy (Results of the Application of the Seismic Method of Controllable Oriented Reception in the Timan-Pechora Oil Province) Tr. MINKh i GP, vyp. 26, 1960) are also assigned to this wave-group. In addition, waves having undergone a single reflection from a surface of discontinuity above the explosion point and then behaving like $P_{112}P_{21}$ waves, were observed in the same area, a problem which has been examined in general detail by A. M. Yepinat'yeva (Ref. 5: Nekotoryye tipy mnogokratnykh seysmicheskikh voln (Some types of Repeated Seismic Waves) Izv. AN SSSR, ser, geofiz., No 1, 1956). According to Putimtsev (Ref. 1: Op. cit) $P_{12}P_{21}$ and $P_{112}P_{21}$ waves are now frequently recorded by the method of controllable oriented reception; L. A. Ryabinkin (Ref. 6: Osnovy razreshayushchey sposobnosti metoda reguliruyemogo napravlennogo priyema (RNP) seysmicheskikh voln (Main Resolving Powers of the Method of the Controllable Oriented Reception of Seismic Waves) Prikl. geof.,

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Certain types of diffracted waves...

vyp. 16, 1957) believes this to be due to the specific resolving powers of the method. The seismic data obtained by the method of controllable oriented reception are given for the area where $P_{12}P_{21}$ and $P_{112}P_{21}$ waves were observed. The rocks of the study area consist of Ufimian beds with stiff marl partings separated from Tertiary strata by a possible fault near Station 7 whose existance was confirmed by wave reflections and refractions observed between this point and Station 9. The critical angle of the reflecting-refracting boundary was established by plotting the seismic data on hodographs. $P_{12}P_{21}$ and $P_{112}P_{21}$ waves were clearly distinguished to the east of the boundary. They have a constant time-increment of 50 - 60 m/sec and were originally mistaken for reflected waves. In the seismic profile given here the plots of these waves are arranged in two sets of lines intersecting the reflecting horizon in the Ufimian beds which does not correspond to the geologic concepts for the area. The hodographs of both types of waves are rectilinear with equal negative apparent

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Certain types of diffracted waves...

velocities. The second wave follows the first after an interval of 0.06 - 0.1 sec. Waves of the $P_{12}P_{21}$ type are best distinguished by their kinematic features which assist in the solution of the main problem of comparing theoretically-constructed hodographs with those obtained by observation. The theoretical hodographs were determined for an inclined refracting surface of discontinuity dividing two media with velocities v and v_g as shown by Fig. 5, where h is the boundary depth beneath the explosion and D and $D_{(xd)}$ are the diffraction point and its projection at the daylight surface. The arrival time of the $P_{12}P_{21}$ wave at $S_{(x)}$ is found from

$$t_{\pm} = \frac{1}{v\cos i}(2h \mp x\sin\varphi) + \frac{1}{v_r\cos\varphi}\left\{x_d(\cos\varphi + 1) - \right.$$
$$\left. - \frac{\sin(i+\varphi)}{\cos i}[h(\cos\varphi \mp 1) \mp x\sin\varphi] \mp x\right\}, \qquad (1)$$

where t_+ and t_- are the arrival times at points to the left and right of the explosion. The theoretical hodographs were calculated

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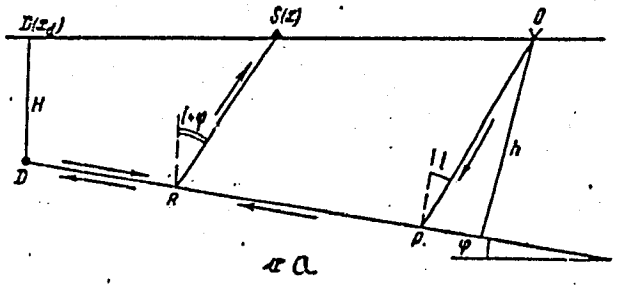
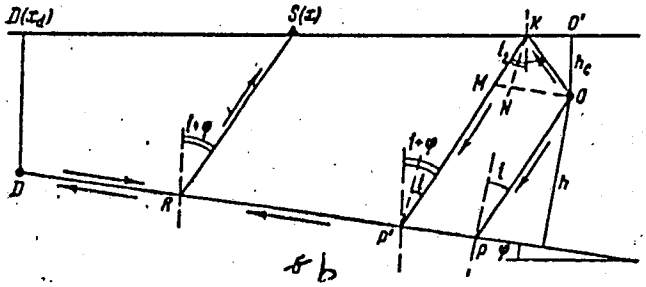
Certain types of diffracted waves...

Fig. 5.

Radial scheme for $P_{12}P_{21}$(a) and $P_{112}P_{21}$(b) waves



a



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Certain types of diffracted waves...

from this formula on the assumption that such a boundary exists and that the diffraction point is exactly under Station 7 of the observational profile. The motion of the $P_{112}P_{21}$ wave is represented by OKP'DRS; the wave apparently forms at the moment when angle i_2 becomes equal to the sum of angles i and φ. Δt - the difference between the arrival times of the two waves at S(x) - is finally derived from h, i and φ in triangles KNO and KMO by the simplified equation

$$\Delta t = \frac{h_c}{\sin[90 - (i + \varphi)]} \left\{ \frac{1}{v} \left[1 + \frac{\cos(i + 2\varphi)}{\cos i} \right] - \right.$$

$$\left. - \frac{1}{v_r} \left[\sin(i + 2\varphi) + \cos(i + 2\varphi) \operatorname{tg} i \right] \right\}.$$

whence $\Delta t = 0.085$ which is very close to the observed value. A precise division of the two types of wave is made by using the

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Certain types of diffracted waves...

spectra of their superimposed vibrations. This entails determining the parameters of intermediate thickness which is accomplished by plotting the relationship of the number of the minimum n to the frequency f. (Fig. 7). The peculiarity of this method of separating the $P_{12}P_{21}$ and $P_{112}P_{21}$ waves is that their oscillatory forms are different in consequence of the first reflection of the $P_{112}P_{21}$ wave from the transitional layer - a zone of small velocities. All oscillations are preliminary taken on the first filtration of the SS-26-51D seismostation and them summated in additional filtrations. The experiment showed that the interference spectra mostly have clear minima, especially at frequencies of 35, 46 and 57 hertz, which thus enables the two wave types to be differentiated. The graphs of Fig. 7 are straight lines mostly cutting the ordinate axis at its zero point. This implies the rotation of the phase of the $P_{112}P_{21}$ wave in comparison with the phase of the $P_{12}P_{21}$ wave. The values of Δt found between the superimposed waves are shown in the graphs and agree well with the calculated and observed

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Certain types of diffracted waves...

values. In conclusion the author suggests that further application of the method of controllable oriented reception will enable waves of the $P_{12}P_{21}$ and $P_{112}P_{21}$ types of be distinguished and used for purposes of geologic interpretation. There are 7 figures and 13 references: 6 Soviet-bloc and 7 non-Soviet-bloc. The references to the four most recent English-language publications read as follows: W. B. Robinson, Refraction waves reflected from a fault zone, Geophys., 10, No 4, 1945; W. Brauch, On reflected refraction waves, Geophys. Prosp., 6, No 4, 1958; O. Koefoed, J. G. van Ewyk, W. T. Bakker, Seismic model experiments concerning reflected refractions. Geophys. Prosp., 6, No 4, 1958; R. Bortfeld, H. Hürtgen On the indification and construction of reflected refractions. Geophys. Prosp., 8, No 1, 1960.

ASSOCIATION: Institut neftekhimicheskoy i gazovoy promyshlennosti im. I. M. Gubkina (Institute of the Petrochemical and Gas Industry im. I. M. Gubkin)

SUBMITTED: June 3, 1960

Card 8/9

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ARYKIN, Ivan Grigor'yevich, kand.tekhn.nauk; VOSKRESENSKIY, Yuliy Sergeyevich, nauchnyy sotrudnik; LEBEDEV, Mikhail Petrovich, nauchnyy sotrudnik; SOKOLOV, Aleksandr Vasil'yevich, inzh.-konstruktor; FREYNKMAN, Isay Yefimovich, inzh.-konstruktor. Prinimali uchastiye: POPOV, A.I., kand.tekhn.nauk; YAKOVLEV, Ye.V., inzh.-konstruktor. LAZAREV, M.P., red.; POLTEVA, B.Kh., red.izd-va; PROKOF'YEVA, L.N., tekhn.red.

[Dredging streams used in timber rafting with the ZRS-1 dredging pump] Proizvodstvo dnouglubitel'nykh rabot na lesosplavnykh putiakh zemlesosno-refulernym snariadom ZRS-1. Moskva, Goslesbumizdat, 1959. 111 p. (MIRA 13:1)
(Dredging machinery)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

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1832. The electro-acoustic examination of paving bricks.—J. Verkerk and G. J. van Os (*Ingenieur*, No. 21, *Techn. Sci. Invest.* No. 4, 1951). The conventional sorting method for paving bricks proves to be far too inaccurate to cope with modern demands for quality. A new sorting technique, which combines objectivity, accuracy and speed, is described, with the investigations that were necessary in the course of its development. (11 figs.)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yu.M.

Geological results obtained by the use of the controlled directional sensitivity method under platform conditions in the Saratov area of the trans-Volga region. Trudy MINKHiGP no.26:230-233 '60. (MIRA 13:6)
(Saratov Province--Seismic prospecting)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yu.N.; SHUL'TS, Ya.I.

Use of the controlled directional sensitivity method in searching for reef massifs in Bashkiria. Geol.nefti i gaza 5 no.9:53-56 S '61. (MIRA 14:10)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad.I.M.Gubkina.
(Bashkiria--Seismic prospecting)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

PANFILOVA, Anastasiya Mikhaylovna; VOSKRESENSKIY, Yu.V., red.

[Formation of a working class in the U.S.S.R. during the years of the first five-year plan, 1928-1932] Formirovanie rabochego klassa SSSR v gody pervoi piatiletki (1928-1932). Moskva, Izd-vo Mosk. univ., 1964. 174 p. (MIRA 18:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

KOLOBOV, P.I.; BORODIN, V.P.; DARMANYAN, P.E.; BURMISTROV, A.G.; VOSKRESENSKIY, Yu.S.

Operation of recuperator soaking pits with one top burner heated by natural gas. Stal' 22 no.6:566-572 Je '62. (MIRA 16:7)

1. Zavod "Krasnyy Oktyabr'" i TSentroenergochermet.
(Furnaces, Heating)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yuriy Vladimirovich; BOCHKIN, Viktor Ivanovich

[The achievement of the Tula workers during the first five-year plan, 1928-1932] Podvig tul'skikh rabochikh v gody pervoi piatiletki, 1928-1932 gg. Tula, Tul'skoe knizhnoe izd-vo, 1962. 117 p. (MIRA 16:9)
(Tula Province--Economic conditions)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yu. Ye. (Moskva); PRIVALOV, G. V. (Moskva)

Determination of the optimum parameters of the elements of a system for parametric regulation of the voltage and frequency of an a.c. generator with a parallel resonant circuit. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.6:27-33 N-D '62. (MIRA 16:1)

(Electric generators) (Voltage regulators)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

KULEBAKIN, Viktor Sergeyevich; NAGORSKIY, Valentin Dmitriyevich; VOSKRESENSKIY, Yuriy Yevgen'yevich; GESSEN, L.V., red. izd-va; ASTAF'YEVA, G.A., tekhn. red.

[Semiconductors in automatic control] Poluprovodniki v avtomatike. Moskva, Izd-vo AN SSSR, 1963. 149 p. (MIRA 16:7)

(Semiconductors) (Automatic control) (Transistors)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSKRESENSKIY, Yuriy Vladimirovich; BUKANOVA, L.P., red.

[Strides of industry] Shagi industrii. Moskva, Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike. I seriia: Istoriia, no.19) (MIRA 18:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

ACCESSION NR: AT4019061 S/0000/63/000/000/0270/0277

AUTHOR: Avayev, V. N.; Voskresensky, Ye. V.; Yegorov, Yu. A.; Orlov, Yu. V.

TITLE: Use of radioactive indicators in the investigation of shielding

SOURCE: Vorposy* fiziki zashchity* reaktorov; sbornik statey (Problems in physics of reactor shielding; collection of articles). Moscow, Gosatomizdat, 1963, 270-277

TOPIC TAGS: nuclear reactor, reactor shielding, shielding evaluation, radioactive indicator neutron detector, scintillation counter, Gamma ray, neutron

ABSTRACT: The authors suggest that the efficiency of radioactive indicators such as Al^{27}, Mn^{55}, In^{115}, I^{127} or Au^{197} can be increased by an improved method for detecting and counting the γ-rays. The advantages of using radioactive indicators as neutron detectors in the study of shielding are: (1) the ability to detect neutrons which are either above certain energy levels (threshold detectors) or within a certain energy interval (resonance detectors); (2) the smallness of the indicators (can be used without disturbing the distribution of the neutron flux); (3) insensitivity to γ radiation; and (4) ability to be used to estimate the neutron energy spectrum. The disadvantages are their small effective cross section and the relative insensitivity of the gas counters used in conjunction with the indicators to measure the γ radiation. In the present paper, in order to increase detection efficiency, a 4π

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ACCESSION NR: AT4019061

scintillation counter was used for cylindrically shaped radioactive indicators and a 2 π scintillation counter for planar indicators. 4 π scintillation counters consist of two photomultipliers of the FEU-43 type, each provided with a CsI(Tl) crystal 60 mm in diameter and 30 mm in height. Both crystals are packed in one container and divided by an aluminum foil. The mounting of the photomultiplier and associated equipment is shown. The γ-ray efficiency of the 4 π counter was near 100%. This allows the use of very small indicators (8 mm in diameter and 5-50 mm in height) for cylindrical specimens, the wall thickness of which can be 0.1-0.3 mm. Cylindrical indicators are mounted in a lucite tube (9 mm in diam.) with a wall thickness of 0.5 mm. With the use of cadmium or boron-cadmium filters, the total diameter is between 15 and 32 mm. Planar indicators are deposited on a lucite substrate, 1 mm thick. The dimensions of the indicators are from 5 x 5 to 40 x 40 mm with a thickness of 0.1-4 mm. FEU-41 multipliers are used with NaI(Tl) crystals (diameter and height 40 mm) for planar indicators. In order to eliminate the γ-ray background, a single-channel analysis system was used. The best technique is to count not the integral number of pulses, but the most intense γ line or group of γ lines, characteristic for a given indicator. The γ-ray energies and characteristic reactions for the most common indicators are tabulated. This method improves signal to noise ratio and eliminates the necessity of very pure materials. An example of how the use of this method enables one to eliminate the influence of

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ACCESSION NR: AT4019061

thermal and epithermal neutrons in the detection of fast neutrons by a radioaluminum indicator is shown. "The authors thank D. I. Chupy*rin for assembling and adjusting the electronic apparatus and N. Ye. Vasin for designing the 4π-counter." Orig. art. has: 6 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 14Aug63	DATE ACQ: 27Feb64	ENCL: 00
SUB CODE: NP	NO REF SOV: 004	OTHER: 002

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

GREGOR, O.; BEDNAR, B.; PAVROVSKY, J.; VOSLAROVA, Z.; JIRASEK, A.

Indication for resection of the stomach in the precancerous state. Contribution to early diagnosis of cancer of the stomach. Cas. lek. cesk. 101 no.29/30:895-899 20 Jl '62.

(STOMACH NEOPLASMS diag) (GASTRECTOMY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSLAROVA, Z.

Administration of magnesium in the syndrome of angina pectoris.
Cas. lek. cesk. 104 no.11:292-297 19 Mr'65

1. I. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. V. Hoenig, DrSc.).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

DVORAK,L.; VANCURA, P.; VOSLAROVA, Z.

Effect of methylene blue on angina pectoris. Cas. lek. cesk. 104. no.7:175-181 19 F '65.

1. III. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: akademik J. Charvat) a I. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze, (prednosta: prof. dr. V. Koenig, DrSc).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

GREGOR, Ota; VOLEK, Vladimir; VOSLAROVA, Zdenka

Screening for anacid states as precancerous conditions of the stomach. Cas.lek.cesk. 99 no.7/8:212-213 19 F.'60.

1. I. int. klinika KU v Praze, prednosta prof.dr. M. Netousek.
(STOMACH NEOPLASMS diag.)
(ACHYLIA GASTRICA diag.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

GREGOR, O.; BEDNAR, B.; JIRASEK, A.; VOSLAROVA, Z.; HANIK, L.

The importance of achlorhydria as a functional correlation in atrophic gastritis. A contribution to the early diagnosis of cancer of the stomach. Cas. lek. cesk. 101 no.29/30:893-895 20 Jl '62.

1. I interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. V. Hoenig - I patologickoanatomicky ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. B. Bednar.

(STOMACH NEOPLASMS diag) (GASTRIC JUICE chem)
(GASTRITIS chem)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSLENSKIY, M.

"Profit sharing" as a means to intensify the exploitation of West German workers. Sov.profsoiuzy 4 no.8:88-91 Ag '56. (MLRA 9:10)
(Germany, West--Profit sharing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

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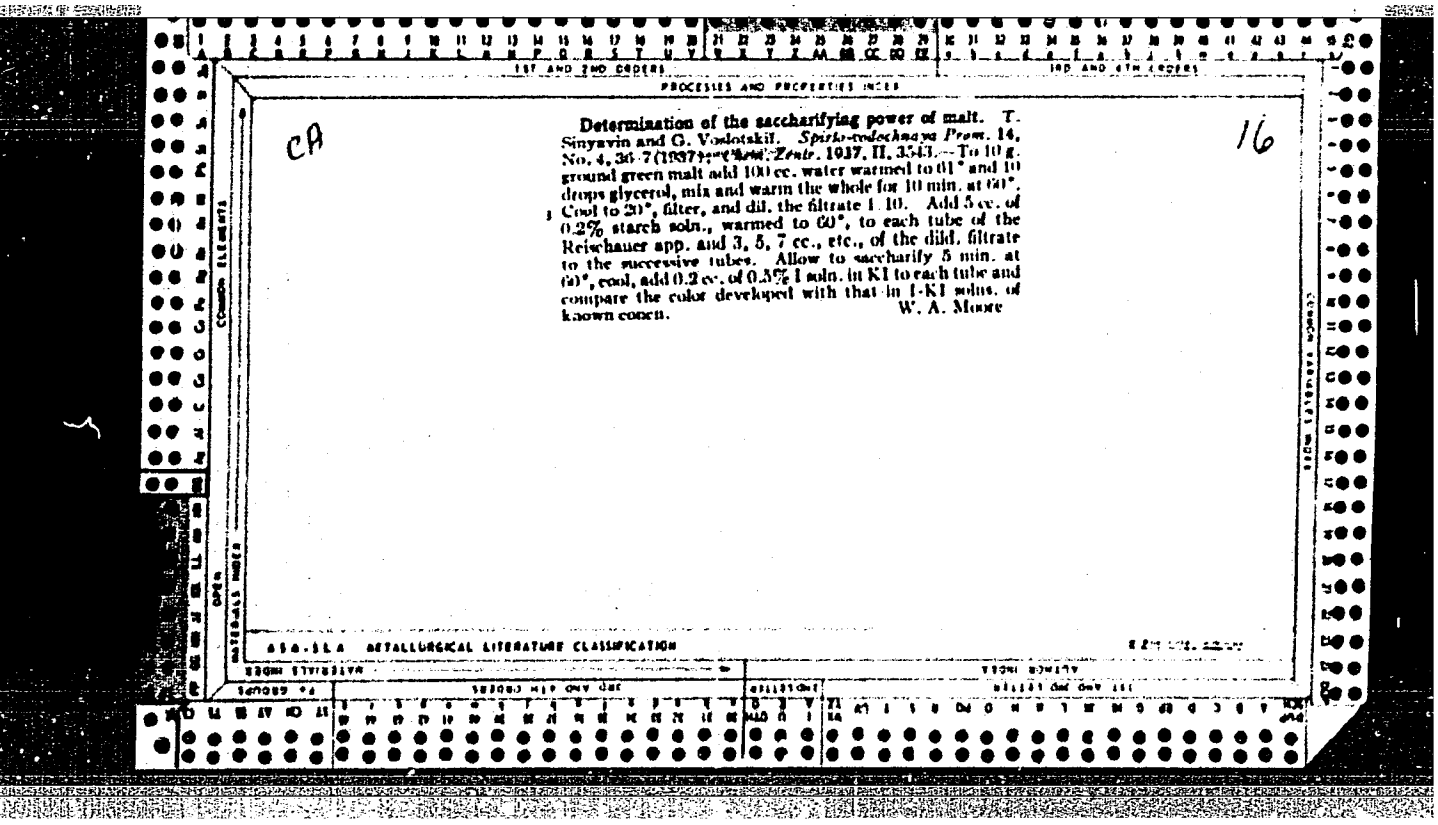

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Determination of the saccharifying power of malt. T. Sinyavin and G. Vodotskii. *Spirto-vodochnaya Prom.* 14, No. 4, 36-7 (1937); *Chem. Zentr.* 1937, II, 3543.—To 10 g. ground green malt add 100 cc. water warmed to 61° and 10 drops glycerol, mix and warm the whole for 10 min. at 61°. Cool to 20°, filter, and dil. the filtrate 1:10. Add 5 cc. of 0.2% starch soln., warmed to 60°, to each tube of the Reichauer app. and 3, 5, 7 cc., etc., of the dild. filtrate to the successive tubes. Allow to saccharify 5 min. at 60°, cool, add 0.2 cc. of 0.5% I soln. in KI to each tube and compare the color developed with that in I-KI solns. of known concn.

W. A. Moore

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

LAZAREV, D.F.; VOSMAN, Ya.P., inzh., retsenzent; TERESHIN, V.S., inzh., retsenzent; KARAMYSHEV, I.A., inzh., red.; USENKO, L.A., tekhn. red.

[Principles of safety engineering and fire prevention in construction for the transportation industry] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki na transportnom stroitel'stve. Moskva, Transzheldorizdat, 1963. 283 p. (MIRA 16:8)

(Civil engineering—Safety measures)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSMIK, F.

Basic principles of clinical genetics and their application in dermatology. Cesk. derm. 40 no.3:156-166 My'65.

1. II. dermato-venerologicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. J. Obrtel, DrSc.).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

CIHACEK, J.; VOSMIK, F.

Effect of emetine on the defense capacity of the body especially in staphylodermas. Cesk. derm. 38 no.2:103-109 Ap '63.

1. Dermato-venerologicka katedra lekarske fakulty KU v Hradci Kralove, vedouci prof. dr. B. Janousek.
(STAPH INFECTIONS) (EMETINE) (PYODERMA)
(FURUNCULOSIS) (CARBUNCLE) (SYCOSIS)
(PHAGOCYTOSIS) (ANTIBODY FORMATION)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

SMETANA, J.; VOSMIK, J.; RACENBERG, E.; Technicka spoluprace: SCHIERLOVA, J.; KOCINOVA, M.

Indirect thoracic heart massage in asphyxial states. Cas. lek. cesk. 102 no.45:1242-1246 8 N '63.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, reditel prof. dr. B. Spacek, DrSc.

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

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BUDA, J.; RACENBERG, E.; VOSMIK, J.

Anesthesia in intrathoracic surgery of sheep. Rozhl. chir. 44 no.8:526-529 Ag '65.

1. Ustav klinicke a experimentalni chirurgie v Praze (reditel prof. dr. B. Spacek, DrSc.).

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VOSMIK, J.

Treatment of bleeding from esophageal varices. Rozhl. chir. 44 no.8:535-541 Ag '65.

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VOSMIK, J.

Current status of deep hypothermia in surgery. Rozhl. chir. 41 no.1: 69-71 Ja '62.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. B. Spacek, DrSc.

(HYPOTHERMIA INDUCED)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

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SPACEK, B.; VOSMIK, J.; KLAIN, M.; PAVLIK, F.

Some aspects of cardiac surgery with extracorporeal circulation.
Rozhl. chir. 41 no.5:297-305 '62.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc.
(HEART SURGERY) (HEART MECHANICAL)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

SMETANA, J.; VOSMIK, J.; RACENBERG, E.; PAVLIK, F.

Cardiac resuscitation after asphyxic arrest in the dog. Rozhl. chir. 41 no.1:5-11 Ja '62.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. MUDr. B. Spacek, DrSc.

(ANOXIA exper) (APHYXIA exper) (RESUSCITATION) (HEART ARREST exper)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

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CZECHOSLOVAKIA

VOSMIK, J; PACHINGER, E; SMETANA, J.

Institute of Clinical and Experimental Surgery (Ustav klinicke a experimentalni chirurgie), Prague-Krc (for all)

Brno, Vnitrni lekarstvi, No 5, 1963, pp 473-478

"Cardiac Massage Without Thoracotomy."

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

CZECHOSLOVAKIA

SMETANA, J.; VOSMIK, J.; RACENBERG, E.; Institute of Clinical and Experimental Surgery (Ustav Klinicke a Experimentalni Chirurgie) in Prague - Krc, Manager (Reditel) Prof. Dr. B. Spacek.

"Indirect Thoracic Massage of the Heart in Asphyctic Arrest."

Prague, Casopis Lekaru Ceskych, Vol 102, No 45, 1963, pp 1242-1246

Abstract:(Authors' English summary) Resuscitation of the heart by indirect massage after asphyctic arrest was studied experimentally on dogs. Massage alone did not increase the pressure to a degree needed to repare the blood supply to the mycardium and revive heart activity. After intracardial application of noradrenalin and the following indirect massage the pressure increased rapidly and in a short time the spontaneous activity of the heart revived. Intracardial application of calcium or glucose with insulin did not have the same effect as noradrenalin. Results agree with those obtained previously in resuscitation work. Experiences in resuscitation in indirect massage in 6 clinical cases of arrest are described. 3 Figures, 22 Western, 12 Czech, 3 Russian refrences.
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VOSMIK, J.

The importance of neomycin in the treatment of hepatic coma in surgical diseases. Rozhl. chir. 42 no.3:161-164 Mr '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc.
(NEOMYCIN) (HEPATIC COMA) (ESOPHAGEAL VARICES)
(LIVER CIRRHOSIS) (AMMONIA)
(BLOOD CHEMICAL ANALYSIS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

CZECHOSLOVAKIA UDC 616.36-036.12:616.12-008.341

ENDERLE, E.; SVORCIK, C.; VOSMIK, J.; Chair of Internal Medicine, Institute of Postgraduate Medical Training (Interni Katedra Ustavu pro Doskolovani Lekaru), Prague - Krc, Head (Vedouci) Prof Dr O. SMAHEL; Institute of Clinical and Experimental Surgery (Ustav Klinicke a Experimentalni Chirurgie), Prague - Krc, Director (Reditel) Prof Dr B. SPACEK.

"The Incidence of Portal Hypertension in Patients Hospitalized for Chronic Hepatitis."

Prague, Casopis Lekaru Ceskych, Vol 105, No 48, 2 Dec 66, pp 1316 - 1319

Abstract [Authors' English summary modified]: By means of a catheter introduced into a branch of the hepatic vein, portal hypertension was established in 15 out of 20 patients hospitalized for chronic hepatitis. Measurements in splenic and portal veins gave results corresponding to those based on the hepatic vein measurements. A relation between the degree of portal hypertension and the degree of positivity of the bromsulphalein test, the thymol turbidity test, and the intensity of changes in serum proteins is described. 2 Figures, 2 Tables, 13 Western, 4 Czech, 1 Hungarian reference. (Ms. rec. May 66).

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USSR / Soil Science. Mineral Fertilizers. J-4

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6"

Abs Jour: Ref Zhur-Biol., No 8, 1958, 34408.

Author : Tomashevskaya, O. G., Manzon, V. D., Vosnaya, G. P.
Inst : AS UkrSSR.
Title : Assimilation of Phosphorus of Fertilizers by Plants in Connection with the Influence of Microorganisms on Its Solubility.

Orig Pub: Dopovidi AN URSR, 1957, No 1, 63-66.

Abstract: Transformation of P_2O_5 in phosphorite fertilizer depends on the activity of microorganisms and on a definite correlation in the habitat of organic matter, P and N. -- V. V. Prokoshov.

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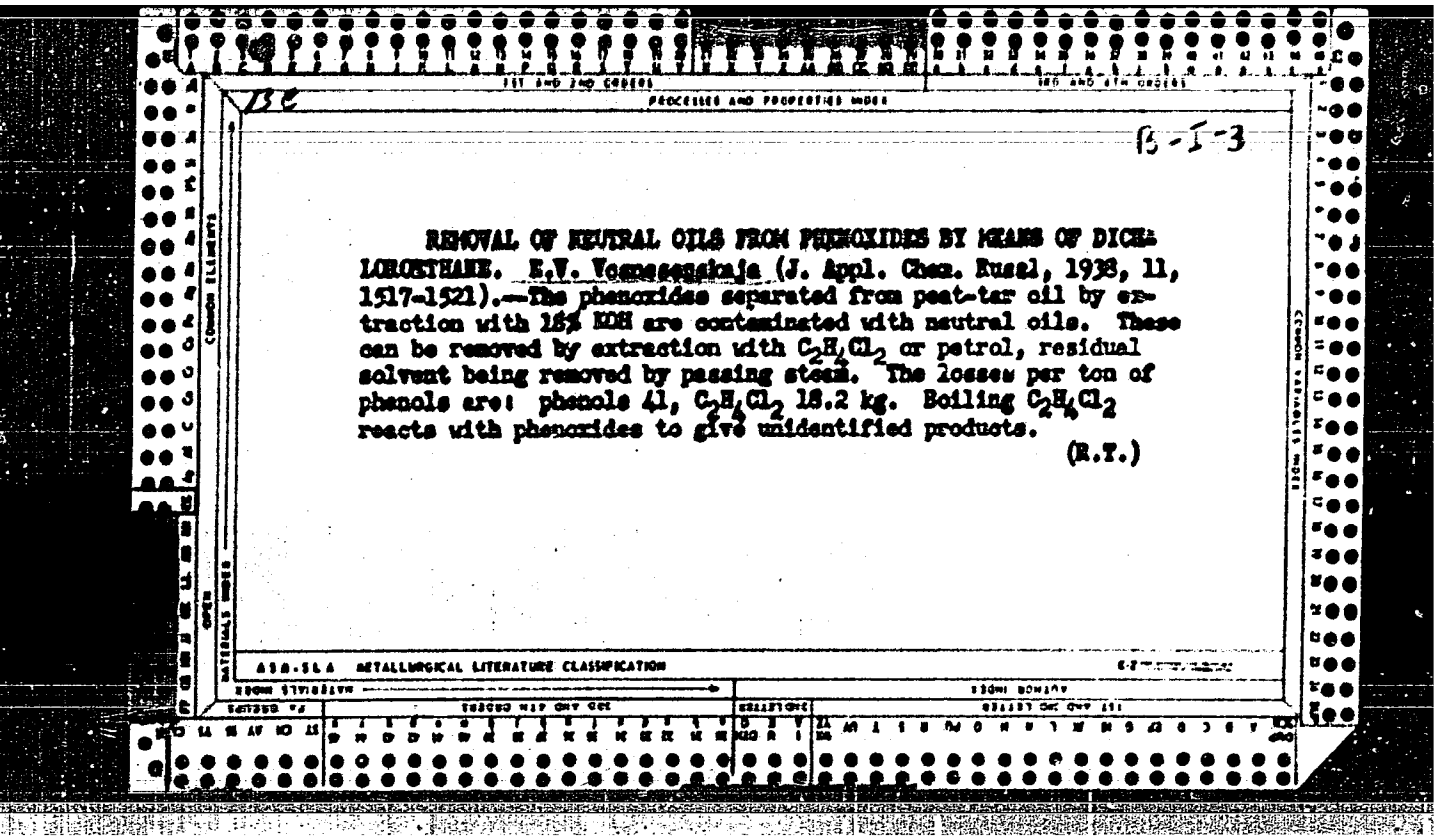

B-I-3

REMOVAL OF NEUTRAL OILS FROM PHENOXIDES BY MEANS OF DICHLORETHANE. E.V. Vonsesenskaja (J. Appl. Chem. Russ., 1938, 11, 1517-1521).—The phenoxides separated from peat-tar oil by extraction with 18% NaOH are contaminated with neutral oils. These can be removed by extraction with $C_2H_4Cl_2$ or petrol, residual solvent being removed by passing steam. The losses per ton of phenols are: phenols 41, $C_2H_4Cl_2$ 18.2 kg. Boiling $C_2H_4Cl_2$ reacts with phenoxides to give unidentified products.

(R.T.)

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VOSNIACHUK, L.

VOSNIACHUK, L.

Some notes on extensionnof the Wurm ice sheet in Smolensk District, White Russia, and Lithuania.

p. 279 (Moksliniai Pranesimai) Vol. 4, 1957, Vilnius, Lithuania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSTYAKOVSKAYA, Yu V.

"The Influence of Wheat Root Systems on Soil Microflora", Mikrobiol., 17, No. 6, 1948. All-Union Institute of Agricultural Microbiology, Moscow Dept., -cl948-.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSNYUK, S.N.

Machinery - Maintenance and Repair

High time to mechanize cleaning of machinery. Tabak, 13, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

VOSNESENSKIY, I. N.

Water Wheels

Efficiency coefficient of hydroturbines according to hydrodynamic equations. Trudy Len. politekh. inst. No. 2, 1948.

Monthly List of Russian Accessions. Library of Congress. November 1952. UNCLASSIFIED.

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VOSOLSOBE, J.

Evaluation of methods used in industry for determining the activity of vanadium contact substances.

P. 253. (Chemicky Prumysl.) (Praha, Czechoslavakia) Vol. 7, No. 5, May 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

MARAN, Bohuslav, akademik, laureat statni ceny; KAUT, Vl., inz.; SVORCOVA, S., MUDr.; TUSL, M., MUDr., C.Sc.; RABA, Jan.; MATERNA, Jan, inz.; KLIMECEK, Rostislav; BETTELHEIM, Jan, inz.; HALA, Eduard, doc., inz., dr.; UHER, L., inz.; KOMDIK, E.; ERDOS, Emerich, doc., inz., dr.; VOSOLSOBE, Jan, doc., inz., dr.; NADENIK, O., inz.; HRUDKA, J.; HOSTALEK, Zdenek, inz., dr.; RADL, K., inz.; PEKAREK, Vl., MUDr.; BLISTAN, J., inz.; STORCH, O. inz.

A national conference on protection against chemical fumes from electric heat plants; a sumary of reports. Energetika Cz 11 no.2:109-111 F '61.

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VOSOLSOBE, Jan; KORITTA, Josef

Report on the scientific research of the Faculty of Inorganic Technology for 1958. Sbor chem tech 4 no.2:525-544 '60.
(EEAI 10:9/10)

(Chemistry, Inorganic)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861030006-6

Vosolsobe, J.

Production of sulfuric acid by means of the tower method and the services of Soviet scientists in its development. P. 172
SOVETSKA VEDA: CHEMIE. (Ceskoslovenska akademie ved. Chemicka sekce) Praha.
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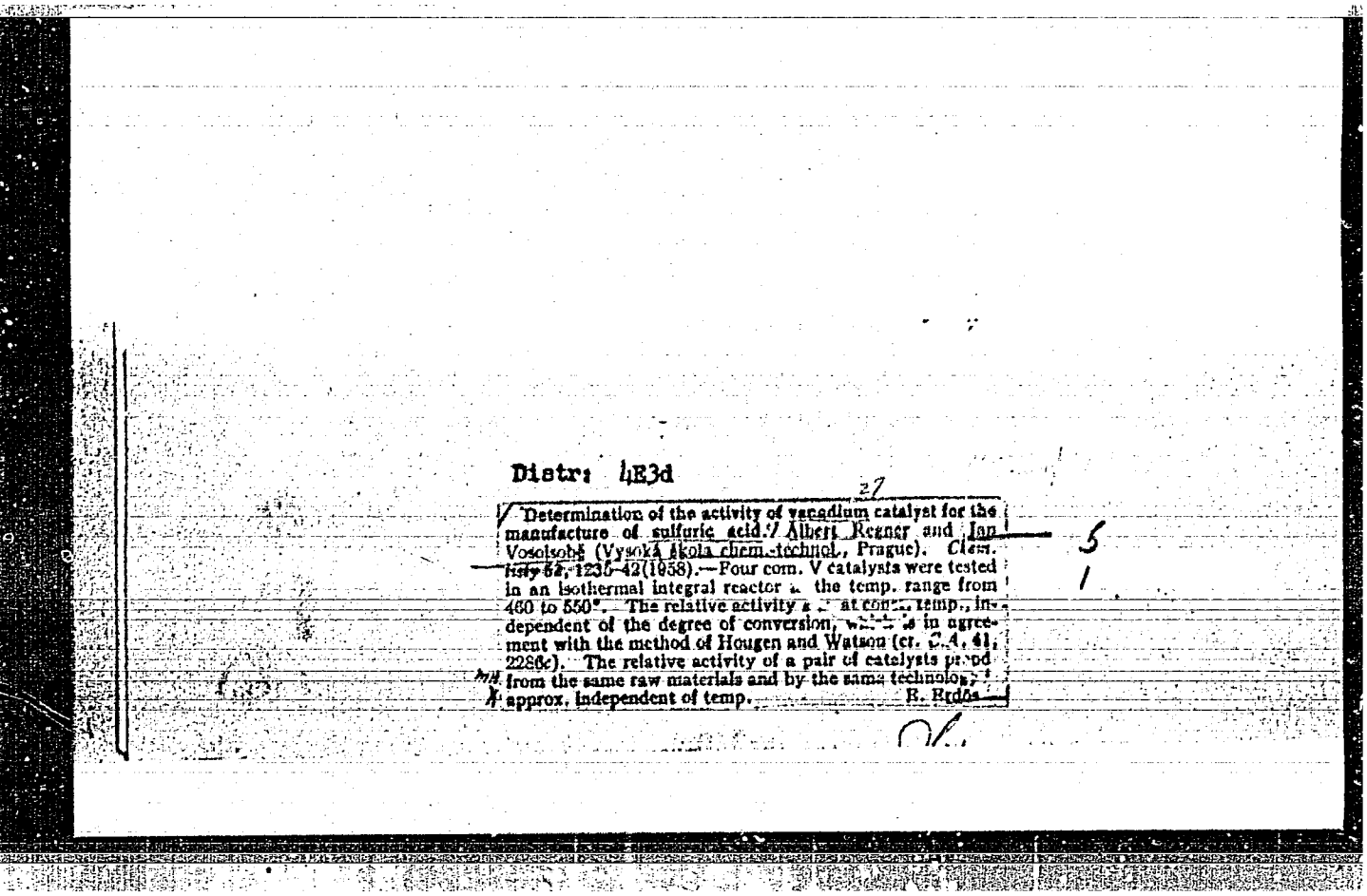

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Determination of the activity of vanadium catalyst for the manufacture of sulfuric acid./ Albert Regner and Jan Vosolsobě (Vysoká škola chem.-technol., Prague). *Chem. listy* 52, 1235–42(1958).—Four com. V catalysts were tested in an isothermal integral reactor at the temp. range from 460 to 550°. The relative activity at const. temp., independent of the degree of conversion, was in agreement with the method of Hougen and Watson (cf. *C.A.* 41, 2286c). The relative activity of a pair of catalysts prepd from the same raw materials and by the same technology is approx. independent of temp. R. Erdős

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